

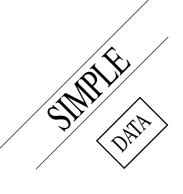
SERVICE MANUAL

STEREO CAR CD RECEIVER

BASIC CD MECHANISM: TN-CCD1001-13J

• Replace this Service manual with "Revision Publishing" when it is issued.





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ELECTRICAL MAIN PARTS LIST - 2/4

С	268	87-010-498-040	CAP,E 10-16 GAS	
C	263	87-010-498-040	CAP, E 10-10 GAS CAP, E 100-10 GAS	
Č	264	87-010-555-040	CAP, E 100-10 GAS	
C C	261	87-012-156-080	C-CAP,S 220P-50 CH	
C	262	87-016-669-080	C-CAP,S 0.1-25 K B	
C	265	87-016-669-080	C-CAP, S 0.1-25 K B	
C	266 272	87-016-669-080 87-010-154-080	C-CAP,S 0.1-25 K B CAP CHIP 10P	• • • • • • • • • • • • • • • • • • • •
00000000	271	87-010-154-080	CAP CHIP 10P	
C	270	87-010-180-080	C-CER 1500P	
C	281	87-010-555-040	CAP,E 100-10 GAS	
	282	87-016-669-080	C-CAP, S 0.1-25 K B	
CON	280 201	87-A10-189-040 87-A60-859-010	CAP,E 220-10 CONN,12P TKC-F12X-K1	
CON		87-A60-860-010	CONN, 12F TRC-F12X-R1	
IC	201	87-A20-446-010	C-IC, LA9241ML	
IC	202	87-A21-319-010	C-IC, LC78622NE	
ΪC	203	87-A21-488-040	C-IC, LA6556	
Õ	202 205	87-026-210-080 87-026-210-080	CHIP-TR,DTC144EK CHIP-TR,DTC144EK	
õ	203	87-026-210-080	CHIP-TR, DTC144EK CHIP-TR, DTC144EK	
õ	204	87-026-210-080	CHIP-TR, DTC144EK	
Q	201	87-A30-289-040	C-TR,2SA1037AK(R)	
Q	207	87-A30-299-080	TR,2SB1326	
QQQQQQR	206	89-324-122-080	TR, 2SC2412K	
R P	242 241	87-022-371-080 87-022-371-080	C-RES,S 330K-1/10W F C-RES,S 330K-1/10W F	
R X	201	81-592-641-010	VIB, CER 16.93MHZ	
C	101	87-010-178-080	CHIP CAP 1000P	
C	102	87-010-197-080	CAP, CHIP 0.01 DM	
C	106	87-010-322-080	C-CAP, S 100P-50 CH	
C	108 103	87-010-322-080 87-010-495-040	C-CAP,S 100P-50 CH CAP,E 2.2-50 GAS	
Č	107	87-010-493-040	CAP, E 2.2-30 GAS CAP, E 22-16 GAS	
Č	109	87-010-553-040	CAP,E 47-16 GAS	
C	112	87-010-185-080	C-CAP,S 3900P-50 B	
C	115	87-010-196-080	CHIP CAPACITOR, 0.1-25	
2	116 113	87-010-196-080 87-010-197-080	CHIP CAPACITOR, 0.1-25 CAP, CHIP 0.01 DM	
Č	114	87-010-197-080	CAP, CHIP 0.01 DM	
Č	110	87-010-198-080	CAP, CHIP 0.022	
C	111	87-010-553-040	CAP, E 47-16 GAS	
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C	132 133	87-010-220-080 87-012-358-080	C-CAP,S 0.018-25 B C-CAP,S 0.47-10 F Z	• • • • • • • • • • • • • • • • • • • •
Č	134	87-012-358-080	C-CAP, S 0.47-10 F Z	
C	132	87-012-365-080	C-CAP,S 0.027-25VBK	
C	131	87-012-365-080	C-CAP, S 0.027-25VBK	
C	161 176	87-010-196-080 87-010-197-080	CHIP CAPACITOR, 0.1-25 CAP, CHIP 0.01 DM	
	173	87-010-197-080	C-CAP, S 100P-50 CH	
D	101	87-A40-250-080	C-DIODE, DAN217	
L	101	87-003-143-080	COIL 4.7 UH	
L	102	8Z-KT1-619-010	COIL,68MH K7-D	
Õ	109 107	87-A30-287-040 87-A30-288-040	C-TR,DTC114TKA C-TR,DTC114YKA	
õ	105	87-A30-289-040	C-TR, 2SA1037AK(R)	
Q	102	89-324-122-080	TR,2SC2412K	
QQQQQQUU	101	89-324-122-080	TR,2SC2412K	
Q	106 111	89-324-122-080 87-026-235-080	TR,2SC2412K CHIP-TR,DTC114EK	
õ	161	87-A30-289-040	C-TR, 2SA1037AK(R)	
	101	8A-KC8-620-010	TU UNIT, FAE347-A11	
ŢU	101	8A-KC8-621-010	TU UNIT, FAE347-A12	AB
C	273 274	87-010-494-040 87-010-494-040	CAP,E 1-50 GAS CAP,E 1-50 GAS	
2	306	87-010-494-040	CAP, E 1-30 GAS CHIP CAPACITOR 3300P(K)	
Č	305	87-010-184-080	CHIP CAPACITOR 3300P(K)	
Č	308	87-010-198-080	CAP, CHIP 0.022	
C	307	87-010-198-080	CAP, CHIP 0.022	
C	304	87-010-494-040	CAP,E 1-50 GAS CAP,E 1-50 GAS	
2	303 302	87-010-494-040 87-010-498-040	CAP, E 1-50 GAS CAP, E 10-16 GAS	
Č	301	87-010-498-040	CAP,E 10-16 GAS	
ממממממממממ	309	87-010-498-040	CAP,E 10-16 GAS	
C	310	87-010-498-040	CAP, E 10-16 GAS	
	316 315	87-010-498-040 87-010-498-040	CAP,E 10-16 GAS CAP,E 10-16 GAS	
C	312	87-A11-177-080	C-CAP, S 0.15-16 K B	
Č	314	87-A11-177-080	C-CAP,S 0.15-16 K B	
C	313	87-A11-177-080	C-CAP, S 0.15-16 K B	
C	311	87-A11-177-080	C-CAP, S 0.15-16 K B	
C	321 323	87-010-196-080 87-010-196-080	CHIP CAPACITOR, 0.1-25 CHIP CAPACITOR, 0.1-25	
č	324	87-010-198-040	CAP.E 10-16 GAS	
000000000000	322	87-010-555-040	CAP,E 100-10 GAS	
С	333	87-010-196-080	CHIP CAPACITOR, 0.1-25	

ELECTRICAL MAIN PARTS LIST - 3/4

С	334	87-010-196-080	CHIP CAPACITOR, 0.1-25	
С	332	87-012-358-080	C-CAP,S 0.47-10 F Z	
C	331	87-012-358-080	C-CAP,S 0.47-10 F Z	
C	354 352	87-010-494-040	CAP, E 1-50 GAS	
2	35⊿ 353	87-010-494-040 87-010-494-040	CAP,E 1-50 GAS CAP,E 1-50 GAS	
טטטטטט	351	87-010-494-040	CAP,E 1-50 GAS	
C	452	87-010-498-040	CAP,E 10-16 GAS	
C	451	87-010-498-040	CAP, E 10-16 GAS	
C	453 454	87-010-498-040 87-010-498-040	CAP,E 10-16 GAS CAP,E 10-16 GAS	
0000000000	454	87-010-498-040	CAP, E 10-16 GAS CAP 470P	
Č	458	87-012-140-080	CAP 470P	
C	455	87-012-140-080	CAP 470P	
C	456	87-012-140-080	CAP 470P	
C	551	87-010-553-040	CAP,E 47-16 GAS	
C	590 835	87-010-178-080 87-010-182-080	CHIP CAP 1000P C-CAP,S 2200P-50 B	
2	836	87-010-182-080	C-CAP, S 2200P-50 B	
Č	831	87-010-494-040	CAP, E 1-50 GAS	
	832	87-010-494-040	CAP,E 1-50 GAS	
D	331	87-A40-250-080	C-DIODE, DAN217	
D	551	87-020-331-080	CHIP-DIODE, DAN202K	
IC L	301 461	8Z-KT1-622-010 87-003-143-080	C-IC,LC75374E COIL 4.7 UH	
Ľ	831	87-003-143-080	COIL 4.7 UH	
	331	89-324-122-080	TR,2SC2412K	
Q	559	87-A30-282-040	C-TR,DTA114TKA	
Q	552	87-A30-287-040	C-TR,DTC114TKA	
Q	553	87-A30-287-040	C-TR, DTC114TKA	
000000000000000000000000000000000000000	554 551	87-A30-287-040 87-A30-287-040	C-TR,DTC114TKA C-TR,DTC114TKA	
õ	560	87-A30-287-040	C-TR, DTC1141KA C-TR, DTC114TKA	
Ĉ	365	87-010-175-080	CAP 560P	
C	368	87-010-175-080	CAP 560P	
C	367	87-010-175-080	CAP 560P	
C	366 361	87-010-175-080 87-012-358-080	CAP 560P C-CAP,S 0.47-10 F Z	
Č	364	87-012-358-080	C-CAP,S 0.47-10 F Z	
Č	363	87-012-358-080	C-CAP,S 0.47-10 F Z	
C	362	87-012-358-080	C-CAP,S 0.47-10 F Z	
C	516	87-010-178-080	CHIP CAP 1000P	
C	517 513	87-010-178-080 87-010-196-080	CHIP CAP 1000P	
2	513	87-010-196-080	CHIP CAPACITOR, 0.1-25 CHIP CAPACITOR, 0.1-25	
Č	515	87-010-494-040	CAP, E 1-50 GAS	
Ĉ	519	87-010-494-040	CAP,E 1-50 GAS	
C	514	87-010-553-040	CAP, E 47-16 GAS	
C	511	8A-KC7-623-000	CAP, E 2200U-16 BT(125C)	
2	534 532	87-012-368-080 87-012-368-080	C-CAP,S 0.1-50 F C-CAP,S 0.1-50 F	
CCC	533	87-012-368-080	C-CAP,S 0.1-50 F	
Č	531	87-012-368-080	C-CAP,S 0.1-50 F C-CAP,S 0.1-50 F	
D	506	87-001-783-080	DIODE, 1N4002	
D	508	87-001-783-080	DIODE, IN4002	
D D	502 507	87-001-783-080 87-001-783-080	DIODE,1N4002 DIODE,1N4002	
D	504	87-001-783-080	DIODE, 1N4002	
D	501	87-001-783-080	DIODE, 1N4002	
D	505	87-001-783-080	DIODE, 1N4002	
D	503	87-001-783-080	DIODE, 1N4002	
D D	571 572	87-A40-250-080 87-A40-250-080	C-DIODE, DAN217 C-DIODE, DAN217	
D	573	87-A40-250-080	C-DIODE, DAN217	
D	574	87-A40-250-080	C-DIODE, DAN217	
IC	501	87-A21-562-010	IC, LA4743B	A <u>.</u>
IC	501	87-A21-647-010	IC,LA4735B	.B
C.	612 611	87-010-198-080 87-010-553-040	CAP, CHIP 0.022 CAP,E 47-16 GAS	
2	613	87-010-333-040	CAP, E 47-16 GAS CAP, E 100-16 GAS	
Č	621	87-010-553-040	CAP, E 47-16 GAS	
מממממ	622	87-010-553-040	CAP,E 47-16 GAS	
C	671	87-010-198-080	CAP, CHIP 0.022	
C	674 673	87-010-198-080 87-010-553-040	CAP, CHIP 0.022 CAP,E 47-16 GAS	
7	672	87-010-555-040	CAP, E 47-16 GAS CAP, E 100-10 GAS	
č	682	87-010-198-080	CAP, CHIP 0.022	
C	681	87-010-553-040	CAP,E 47-16 GAS	
ממממממ	884	87-010-182-080	C-CAP, S 2200P-50 B	
<u>ر</u>	882 883	87-010-182-080 87-010-182-080	C-CAP,S 2200P-50 B C-CAP,S 2200P-50 B	
C	881	87-010-182-080	C-CAP, S 2200P-50 B	
Ď	611	87-A40-624-080	ZENER, MTZJ10A	
D	621	87-A40-523-080	ZENER,MTZJ9.1B	
D	675 674	87-001-783-080	DIODE, 1N4002	
D D	674 673	87-001-783-080 87-017-932-080	DIODE,1N4002 ZENER,MTJ6.2B	
ע	0 / 0	3, 31, 332-000	2214210,11100.20	

ELECTRICAL MAIN PARTS LIST - 4/4

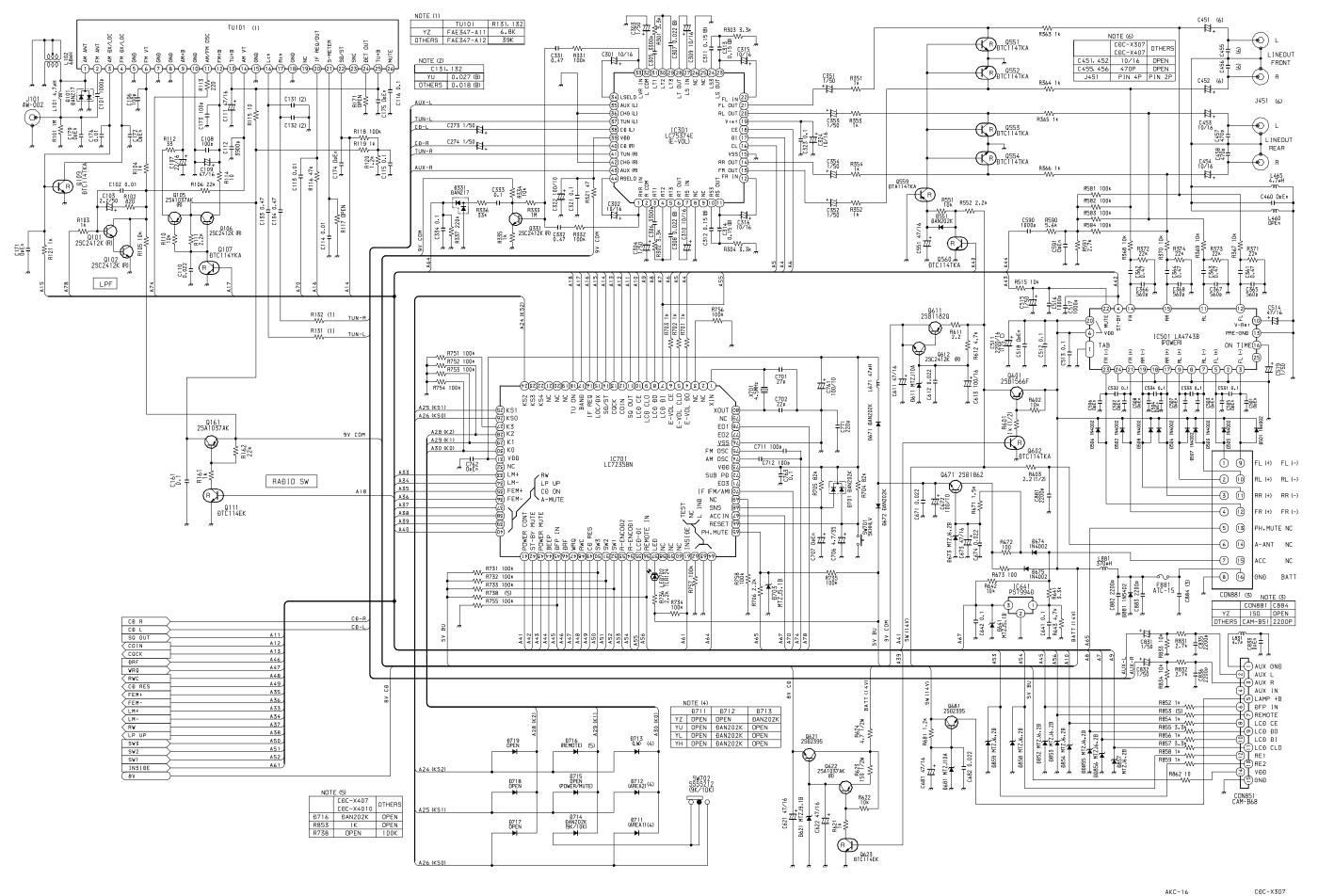
D	671	87-020-331-080	CHIP-DIODE, DAN202K CHIP-DIODE, DAN202K ZENER, MTZJ10A DIODE, 1N5402 (3A/200V) FUSE, 15A 32V	
Ď	672	87-020-331-080	CHIP-DIODE, DAN202K	
D	681	87-A40-624-080	ZENER, MTZJ10A	
D	881	87-A40-798-010	DIODE, 1N5402 (3A/200V)	
F	881	8Z-KC1-621-010	FUSE, 15A 32V	AB
L	671	87-003-149-080	COIL,47UH	
L	881	8Z-KT1-615-010	FLTR, AMORPHOUS - CHOKE	
	601	87-A30-168-010	TR, 2SB1566F	• • • • • • • • • • • • • • • • • • • •
Õ	602	87-A30-287-040	C-TR, DTC114TKA	
Q	612	89-324-122-080	TR,2SC2412K	• • • • • • • • • • • • • • • • • • • •
õ	623	87-026-235-080	CHIP-TR, DTC114EK	• • • • • • • • • • • • • • • • • • • •
Õ	622 621	87-A30-289-040	C-TR,2SA1037AK(R) TR,2SD2395F	7.D
Õ	671	89-423-953-010 87-A30-301-080		AB
õ	681	89-423-953-010	TR 25D1002	AB
ČNA	1	8A-KT1-631-010	TR,2SD1862 TR,2SD2395F CONN ASSY,8P ISO-BLACK-A CONN ASSY,8P ISO-WHITE-A CONN,15P CAM-B68 CONN,16P CAM-B51 ANT,AW-002 JACK,PIN 4P XR-401 JACK,PIN 2P XR-401 F-CABLE,3P (AUX) C-CAP,S 820P-50 SL CAP, CHIP 0.047 CAP, CHIP 0.047 CAP, CHIP 0.047 CHIP CAPACITOR,0.1-25 CAP, S 1-16	
CNA	2	8A-KT1-632-010	CONN ASSY 8P ISO-WHITE-A	
CON		88-KTA-603-010	CONN 15P CAM-B68	
CON		8Z-KT1-611-010	CONN.16P CAM-B51	
J	101	8Z-KT1-614-010	ANT.AW-002	
Ĵ	451	87-A61-224-010	JACK, PIN 4P XR-401	
Ĵ	451	87-A61-225-010	JACK, PIN 2P XR-401	AB
		8A-KC7-611-010	F-CABLE, 3P (AUX)	
C	904	87-010-177-080	C-CAP, S 820P-50 SL	
C	902	87-010-194-080	CAP, CHIP 0.047	
C C	903	87-010-194-080	CAP, CHIP 0.047	
C	905	87-010-196-080	CHIP CAPACITOR, 0.1-25	
C	901	87-010-805-080	CAP, S 1-16	
C	971	87-010-196-080	CHIP CAPACITOR, 0.1-25	
CON		88-KTA-602-010	CONN, 15P CAM-B67	
D	901	87-A40-817-040	C-ZENER, STZ6.8N	
D	902	87-A40-817-040	C-ZENER, STZ6.8N	• • • • • • • • • • • • • • • • • • • •
D	971	87-A40-817-040	C-ZENER, STZ6.8N	
IC	901	87-A21-489-030	C-IC, LC75853NW	• • • • • • • • • • • • • • • • • • • •
ĬС	971	87-A90-951-010	RCR UNIT, SBX1971-52	• • • • • • • • • • • • • • • • • • • •
J LCD	901	85-HRL-623-010 8A-KCG-610-010	JACK,3.5 ST BLK LCD,AKC-16-17	• • • • • • • • • • • • • • • • • • • •
LCD	901	8A-KCG-610-010	LCD, AKC-16-17 LCD, AKC-16-17AUX	• • • • • • • • • • • • • • • • • • • •
LED		87-017-827-070	C-LED, SEC 1201C RED	
LED		87-017-827-070	C-LED, SEC 1201C RED	
LED		87-017-827-070	C-LED, SEC 1201C RED	
LED		87-A40-813-040	C-LED, SEC1E01C BLUE	
LED		87-A40-813-040	C-LED, SEC1E01C BLUE	
	963	87-A40-813-040	C-LED, SEC1E01C BLUE	
$_{ m PL}$	901	8Z-KT1-641-010	LAMP, T-3	
$_{ m PL}$	902	8Z-KT1-641-010	LAMP, T-3	
Q	964	87-A30-287-040	C-TR,DTC114TKA	
Q Q Q SW	963	87-A30-449-040	C-TR,DTA123YKA	
Q	962	87-A30-449-040	C-TR,DTA123YKA	
Q	961	87-A30-449-040	C-TR, DTA123YKA	
SW	902	87-036-251-080	SW, T CT 6X3.5 160	• • • • • • • • • • • • • • • • • • • •
SW	908	87-036-251-080	SW, T CT 6X3.5 160	
SW	903	87-036-251-080	SW,T CT 6X3.5 160	• • • • • • • • • • • • • • • • • • • •
SW	901	87-036-251-080	SW,T CT 6X3.5 160 SW,T CT 6X3.5 160	
SW SW	907 906	87-036-251-080 87-A90-001-080	C-SW, TACT SKOMAL	
SW	905	87-A90-001-080	C-SW, TACT SKOMAL C-SW, TACT SKOMAL	• • • • • • • • • • • • • • • • • • • •
SW	904	87-A90-001-080	C-SW, TACT SKOMAL	
SW	914	87-036-251-080	SW, T CT 6X3.5 160	
SW	918	87-036-251-080	SW,T CT 6X3.5 160	
SW	911	87-036-251-080	SW,T CT 6X3.5 160	
SW	917	87-036-251-080	SW,T CT 6X3.5 160	
SW	913	87-036-251-080	SW,T CT 6X3.5 160	
SW	916	87-036-251-080	SW,T CT 6X3.5 160	
SW	915	87-036-251-080	SW.T CT 6X3.5 160	
SW	910	87-A90-001-080	C-SW, TACT SKQMAL	
SW	921	87-A91-597-010	SW,RTRY SIM-026MT	

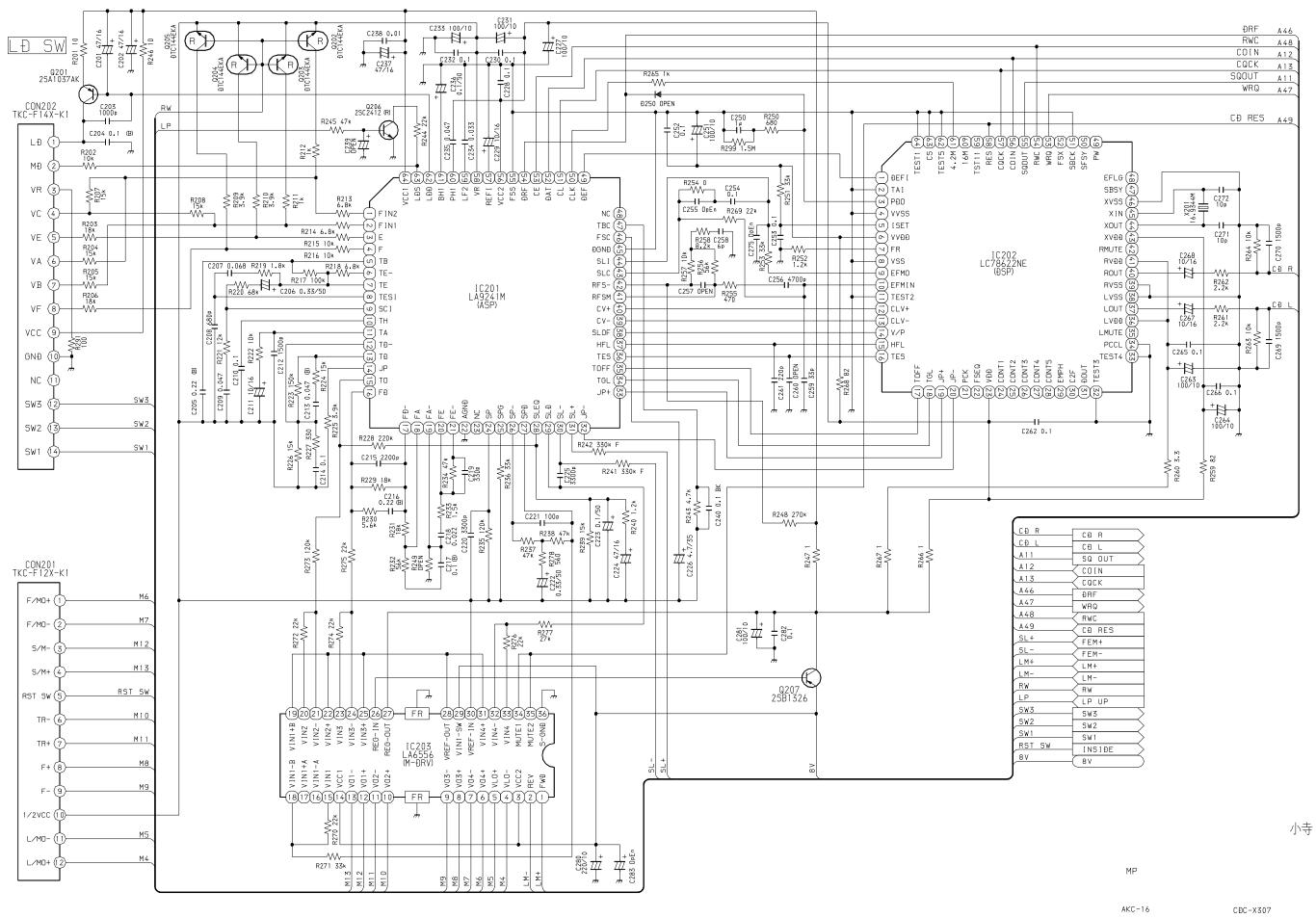
MECHANICAL PARTS LIST - 1/1

NOTE: The characters in	the suffix column indicate the par	t usage.
	.XX	
REF.NO PARTS NO.	KANRI NO. DESCRIPTION	SUFFIX
2670YL	.XX KANRI	AB. AB. AB. AB. AB. AB.
8A-KCF-215-110 8A-KCF-230-010 8Z-KC1-211-010 8Z-KC1-212-010 8Z-KC1-213-010 8Z-KC1-214-010 8Z-KC1-236-010 8Z-KC2-203-210 8Z-KC2-204-210 8Z-KC2-221-110 8Z-KC2-221-110 8Z-KC2-221-010 8Z-KC2-221-010 8Z-KC2-221-010 8Z-KC2-221-010 8Z-KC3-201-010 8Z-KC7-201-010 8Z-KC7-201-010 8Z-KC7-201-010 8Z-KC7-201-010 8Z-KC7-201-010 8Z-KC1-251-073-410 87-810-216-010 87-810-251-010 8Z-KC1-251-010 8Z-KC1-251-010 8Z-KC1-253-010	HLDR, LCD -AC15 COVER, DUST DFP LOWRAL COVER, TOP -C COVER, BOTTOM -C CHAS, SIDE L -C CHAS, SIDE R -C COVER, CONN.BLIND -C LEVER, DFP HOOK -C2 LEVER, DFP HOOK -C2 SPR-C, DETACH HOOK-C2 SPR-T, DETACH LOCK-C2 SPR-T, DETACH -C2 COVER, CD BLIND -C COVER, ISO BLIND -C COVER, ISO BLIND -C CHAS, FRONT -C16 CAP, LAMP BLU B SCREW, U+2.6-6 U+3-16 WASHER, WTE 2.6 U+2.6-4.0 ZINC BLK (BH M2.6) UT2+3.0-10.0 W/O SLOT (BH TAP) S-SCREW, TH2.6-4.0-0.8 S-SCREW, TH2.6-4.0-0.8 S-SCREW, PT 2*8 BH+ BLK HLDR, BELT SW1 BELT, SW1 PLATE, BELT-HLDR -F PLATE, NUT M3 -F S-SCREW, HEX-SOC. M3-3.5 BLK KEY, HEXAGON WRENCH-F F-CABLE, 3P (AUX)	AB A

ACCESSORIES / PACKAGE LIST - 1/1

4670YL	olumn indicate the part usage.
REF.NO PARTS NO. NO. DESCRIPTION SUFFIX	
8A-KC7-902-010 IB, INST, YU, YL (3L, P)	RIPTION SUFFIX
8A-KCG-907-010 IB, YH (E CK CH) 207 8A-KCG-908-010 IB, INST, YH (E CK CH) - I 8A-KCG-909-010 IB, INST, YH (E CK CH) - I 8A-KCG-910-010 IB, INST, YL (P)C 4670, 2670 AB 87-B10-141-010 NUT, 5 TYPE-2 AB 87-B10-143-010 UT1+5-15 W/O SLOT AB 87-B10-144-010 W, 5.2-10-0.5 AB 87-B10-145-010 W-SPR, 5.3-8.5-1.5 AB 87-B10-216-010 U+2.6-4.0 ZINC BLK (BH M2.6) AB 8Z-KC1-030-010 CASE, DFP - C AB 8Z-KC1-231-110 HLDR, HALF - C AB 8Z-KC1-232-010 KEY, REMOVE - C AB 8Z-KC1-235-010 HLDR, REAR MTG AB 8Z-KC1-244-010 S-SCREW, S*6 TH+ TAPPING ST AB 8Z-KC1-250-010 S-SCREW, HEXAGON AB	307,407 207 4010,3070,2070 207 2 (9L)-I CCH) 207 H (E CK CH)-I 4670,2670 AB L-2 H/O SLOT DS AB D

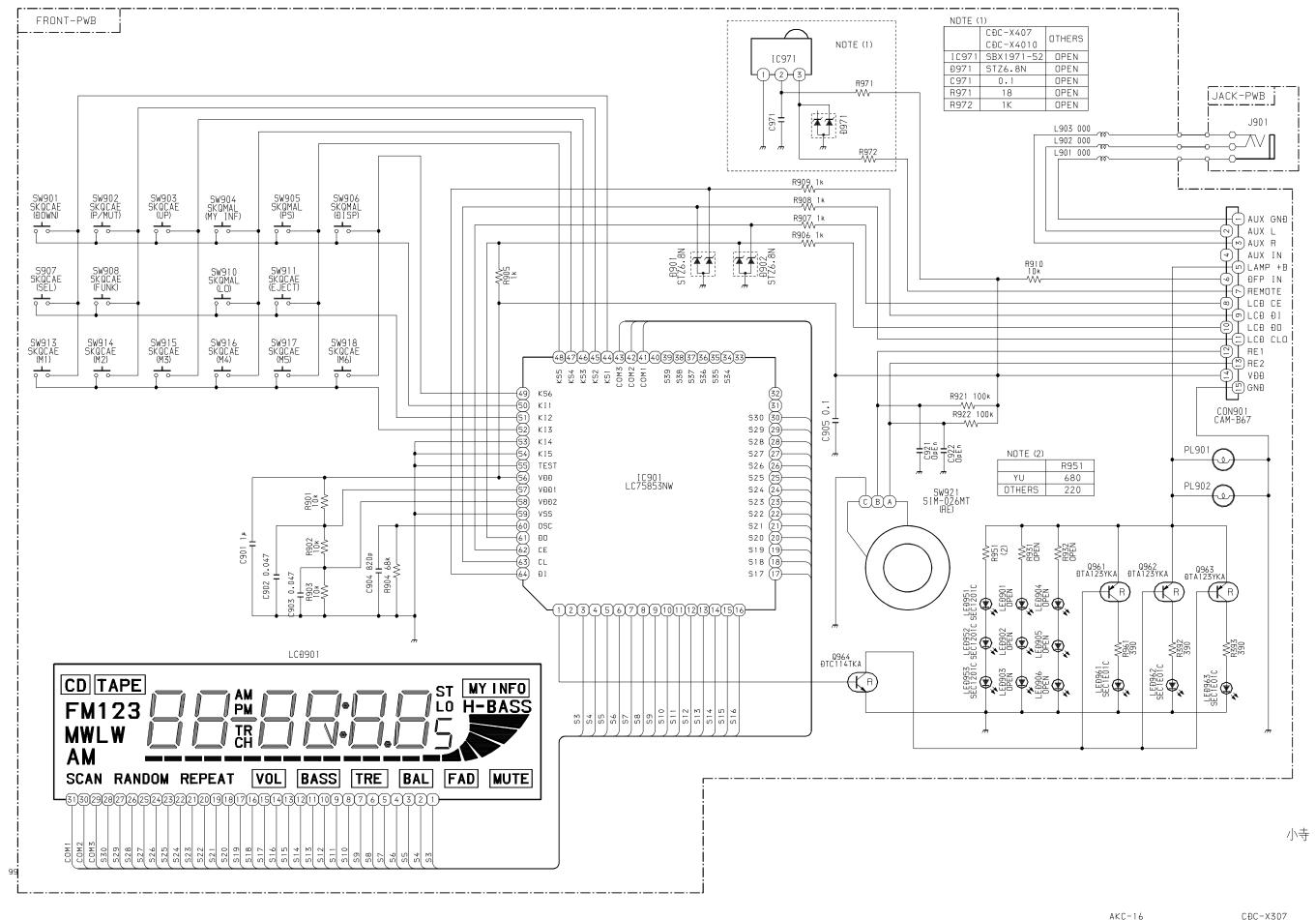




AKC-16 (P3)

99 11 20

B-AKC-16 (P2)



アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表) **AIWA CO.,LTD.** 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111 9820572 Printed in Singapore